Claims

[c1]   What is claimed is:

1. A mobile phone configuration system comprising:

a computer for setting configuration data of a mobile phone;

a server connected to the computer for receiving the configuration data from the computer; and

a base station connected to the server for receiving the configuration data from the server and transmitting the configuration data to the mobile phone as a text message;

wherein the mobile phone is responsive to the configuration data and adjusts its operating configuration accordingly.

[c2]   2. The mobile phone configuration system of claim 1 further comprising a network connecting the computer to the server.

[c3]   3. The mobile phone configuration system of claim 2 further comprising a web page stored on the server and accessible by the computer, the web page comprising a user interface allowing setting of the configuration data.

[c4] 4. The mobile phone configuration system of claim 3 wherein the configuration data is transmitted from the computer to the server and from the server to the base station as a text string.

[c5] 5. The mobile phone configuration system of claim 4 wherein the text string is substantially the same as the text message.

[c6] 6. The mobile phone configuration system of claim 1 further comprising a network connecting the server to the base station.

[c7] 7. The mobile phone configuration system of claim 1 further comprising a database connected to the server for storing a plurality of configuration data sets that are accessible by the computer through a security system of the server.

[c8] 8 The mobile phone configuration system of claim 1 wherein the test message comprises a header and a body, wherein the header identifies the text message as configuration data and the body stores the configuration data.

[c9] 9. The mobile phone configuration system of claim 1 wherein the text message is an short message service (SMS) message.

[c10]   10. The mobile phone configuration system of claim 1 wherein the mobile phone comprises a parser for parsing the text message into a configuration of the mobile phone.

[c11]   11. A mobile phone comprising:

a housing;

a processor disposed inside the housing for controlling the mobile phone;

a transmitter electrically connected to the processor for transmitting signals to a base station;

a receiver electrically connected to the processor for receiving signals from the base station;

an input device electrically connected to the processor for receiving user input;

a display device electrically connected to the processor;

a power supply for providing electrical power to the mobile phone; and

a parser controlled by the processor for parsing a text string of configuration data received at the receiver, and outputting the parsed configuration data to the processor;

wherein operations of the mobile phone are governed by a configuration, and the processor is capable of adjusting the configuration of the mobile phone based on the parsed configuration data.

[c12]   12. The mobile phone of claim 11 wherein the parser is an electronic device disposed inside the housing and electrically connected to the processor.

[c13]   13. The mobile phone of claim 11 wherein the parser is a program stored in a memory of the processor and executable by the processor.

[c14]   14. The mobile phone of claim 11 wherein the configuration data comprises instructions that when parsed adjust: a menu tree structure, menu contents, phone book contents, or a users personal preference information of the mobile phone.

[c15]   15. The mobile phone of claim 11 wherein the processor implements the configuration of the parsed configuration data immediately upon receipt of the parsed configuration data.

[c16]   16. The mobile phone of claim 11 wherein the processor implements the configuration of the parsed configuration data upon a confirmation received from the input device.

[c17]   17. A method for configuring a mobile phone comprising:

constructing a configuration data corresponding to a

target configuration of a mobile phone;

wirelessly transmitting the configuration data to the mobile phone as a text message;

parsing the configuration data with the mobile phone; and

configuring the mobile phone based on the parsed configuration data.

[c18] 18. The method of claim 17 wherein the constructed configuration data is in the form of a text string.

[c19] 19. The method of claim 18 wherein the text string is a short message service (SMS) message, the method further comprising storing the SMS message relating the configuration data at a message center when the configuration data cannot be transmitted to the mobile phone.

[c20] 20. The method of claim 17 wherein constructing the configuration data comprises receiving the configuration data from a remote computer or selecting the configuration from a database.